

SFP-100Base-TX

10/100Base-T SFP transceiver for FX to TX convert

DESCRIPTION

The SFP-100Base-TX electrical SFP transceiver (RJ45) is a high performance integrated duplex data link for bi-directional communication over CAT 5 unshielded twisted pair copper cable.

The module is specifically designed for converting 100Base-FX NRZI port interface to 10/100Base-TX interface with RJ45 connector. The transceiver module is compliant with the SFP Multi Source Agreement (MSA) and IEEE802.3u. With the hot pluggability, the module offers a flexible and easy way to be installed into SFP MSA compliant port sat anytime without the interruption of the host equipments operating online. The Copper SFP transceivers use an integrated RJ-45 connector with transformer and PHYIC.

APPLICATIONS

- 10/100Base-T

FEATURES

- Compliant with MSA SFP specification
- Die cast metal housing
- Single +3.3V power supply
- Serial ID functionality
- Hot pluggable
- RX_LOS support



Absolute Maximum Ratings

Parameter	Min	Max	Unit
Storage temperature	-40	+85	°C
Supply Voltage	-0.5	3.6	V
Relative Humidity	5	95	%

Recommended Operating Conditions

Parameter	Min	Typ.	Max	Unit
Case operating temperature	-5		+70	°C
Supply Voltage	3.135	3.3	3.465	V
Supply Current		190	250	mA

ORDERING INFORMATION

Part no.	Description
SFP-100Base-TX	SFP, Copper Interface 10/100, FX to TX convert